Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Sunday 09 Apr 2023 until 23:59 on Monday 10 Apr 2023

Forecast Issued on Saturday 08 Apr 2023 at 17:29

Confidence: High for mostly fine conditions at first and for more changeable, wetter and windier weather into next week. Moderate confidence for timing and low confidence for track of rain bands and strength of winds Tuesday and Wednesday.

Headline for Sunday 09 Apr 2023: A generally fine day after a murky start. Becoming breezy; windy on summits later.

Mountain weather hazards on Sunday 09 Apr 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m

Time	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
	Cloudy	Cloudy	Dull	Fog	Sunny intervals	Sunny intervals	Cloudy	Light rain
Precipitation probability	<05%	<05%	10%	10%	<05%	<05%	<05%	40%

Forecast for Sunday 09 Apr 2023

Weather: Patches of valley mist and fog develop in the early hours, especially across the east of the park. This gradually clearing during the morning to leave a fine and generally dry Easter Sunday. Rather extensive high cloud will limit the strength of the sunshine later in the day. Cloud thickening from the west in the evening, bringing the odd spot of rain towards midnight. Mainly light winds in the morning, but turning breezy later, windy on summits.

Chance of cloud-free hill tops above 600m: 70% in the west, 30% in the east overnight and early morning. Becoming greater than 95% from mid-late morning.

Low Cloud and visibility: Early mist and fog potentially shrouding some lower level routes below 500m, especially in the east. Higher tops perhaps remaining above the mist and fog, but may briefly become obscured as this lifts during the morning. Cloud will be above the tops from late morning with very good views during the afternoon. Very good visibility by day, but occasionally a few kilometres or less in any early mist or fog and just below 10 kilometres in any rain towards midnight.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Sunday 09 Apr 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/21 SE	9/17 SE	12/17 SE	15/20 SE	18/25 S	19/28 S	18/28 S	20/30 S	22/31 S
300	4/11 E	4/11 E	5/12 SE	10/19 SE	14/25 S	14/27 S	11/25 S	12/27 S	14/30 S
Valley	8/20 E	6/16 E	7/18 E	10/19 SE	12/23 S	13/25 S	11/26 S	12/28 S	13/30 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/2	4/1	3/-1	4/-0	7/2	9/5	9/6	7/3	6/1
300	6/4	5/3	4/2	7/4	11/8	12/10	11/9	9/7	8/4
Valley	8/6	7/5	6/4	10/7	12/10	14/12	13/11	11/8	9/6
Freezing Level*	1300m	1200m	1100m	1100m	1200m	1500m	1600m	1700m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Although it will feel rather warm in places, especially sheltered valleys. Breezier conditions on peaks and ridges will contribute to a colder feel here, so make sure that appropriate clothing is worn. Sun protection is advised given the potential for strong sunshine during the day.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 08 Apr 2023	0mm	0.2mm	9.4mm

Forecast for Monday 10 Apr 2023

Weather: Strong winds with outbreaks of rain spreading east overnight, clearing by early around dawn. A much colder day follows with a mix of sunny spells and then occasional fast-moving showers; these perhaps squally in nature and with a risk of hail and thunder during the afternoon and evening. Remaining breezy, especially in and around any showers.

Maximum wind: South becoming south-westerly 25-30mph, gusting 35-40mph.

Chance of cloud-free hill tops above 600m: Lowering to 30% overnight. Improving to 70% by morning as rain clears.

Low Cloud and visibility: Extensive cloud lowering around 300-500m overnight, especially on western slopes. As rain clears cloud generally lifting clear of summits, but suddenly deteriorating in showers that follow, with cloud height highly variable, perhaps lowering to 400-600m at times. Excellent visibility between the showers and below the cloud base, but falling to a few kilometres in showers in general.

Temperature: **Valleys:** Plus 9 Celsius lowering to Plus 6 Celsius.
At 600m: Plus 6 Celsius lowering to Plus 2 Celsius.
Freezing level: Above summits.

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